IN THE CLAIMS

Claims 1-10 (**canceled**)

11. (**currently amended**) A process for making a platinum aggregate comprising the steps of:

(a) combining an active platinum compound, a sterol, and one or more lipid complex-forming lipids selected from the group consisting of ~~sterols,~~ phosphatidylcholines selected from the group consisting of dipalmitoylphosphatidylcholine (DPPC), distearoylphosphatidylcholine (DSPC), and combinations thereof;

(b) establishing the resultant mixture from step (a) at a first temperature; and

(c) thereafter establishing the mixture at a second temperature, which second temperature is cooler than the first temperature;

wherein the steps (b) and (c) are effective to increase the encapsulation of active platinum compound, wherein steps (b) and (c) are repeated for a total of two or more cycles.

12. (**canceled**)

13. (**original**) The process of claim 11, wherein the active platinum compound solution is produced by dissolving active platinum compound in a saline solution to form a platinum solution.

14. (**previously presented**) The process of claim 13, wherein the active platinum compound is cisplatin.

15. (**canceled**)

16. (**previously presented**) The process of claim 11, wherein the phosphatidylcholine is DPPC.

17. (**previously presented**) The process of claim 16, wherein the sterol is cholesterol.

18. (**previously presented**) The process of claim 11, wherein the one or more lipid complex-forming lipids are dissolved in ethanol to form a lipid solution and injecting the lipid solution into a aqueous medium containing active platinum compound.

19. (**original**) The process of claim 11, further comprising sequentially repeating the steps (b) and (c) for a total of three or more cycles.

20. (**original**) The process of claim 19, wherein the step (c) comprises establishing the mixture at a temperature from -25 degrees Celsius to 25 degrees Celsius.

21. (**original**) The process of claim 19, wherein step (c) comprises establishing the mixture at a temperature from -5 degree Celsius to 5 degrees Celsius.

22. (**original**) The process of claim 19, wherein the step (b) comprises establishing the mixture at a temperature from 4 degrees Celsius to 75 degrees Celsius.

23. (**original**) The process of claim 19, wherein the step (b) comprises establishing the mixture at a temperature from 45 degrees Celsius to 55 degrees Celsius.

24. (**original**) The process of claim 11, wherein the temperature differential between steps (b) and (c) is 25 degrees Celsius or more.

25. (**original**) The process of claim 24, wherein the temperature established in step (b) is 50 degrees Celsius or more.

26. (**original**) The process of claim 11, wherein the temperature established in step (b) is 50 degrees Celsius or more.

27. (**original**) A platinum aggregate produced by the method of claim 11.

28. (**original**) A platinum aggregate produced by the method of claim 14.

Claims 29-31 (**canceled**)

32. (**previously presented**) The process of claim 11, further comprising, after all of steps (b) and steps (c) have been completed:

(d) removing un-entrapped active platinum compound by filtering through a membrane having a molecular weight cut-off selected to retain desired lipid complexes and adding a lipid complex compatible liquid to wash out un-entrapped active platinum compound.

33. **(previously presented)** The process of claim 11, wherein the temperature differential between steps (b) and (c) is 15 degrees Celsius or more.